

LISTING OF THE CLAIMS

1-103. (Cancelled).

104. (New). A recombinant adenovirus, wherein upon infection of an eukaryotic cell, the adenovirus expresses a first polypeptide comprising an E1B and E4 polypeptide prior to expressing a second polypeptide comprising an E1A polypeptide, whereby the E4 polypeptide is expressed prior to the E1B polypeptide.

105. (New). The recombinant adenovirus of claim 104, wherein the E1B polypeptide is E1B 55 Kd polypeptide.

106. (New). The recombinant adenovirus of claim 104, wherein the E4 polypeptide is E4orf6 polypeptide.

107. (New). The recombinant adenovirus of claim 104, wherein the E1A polypeptide is E1A12S polypeptide.

108. (New). The recombinant adenovirus of claim 104, wherein a YB-1-controlled promoter is operably linked to at least one polynucleotide encoding the first or second polypeptide.

109. (New). The recombinant adenovirus of claim 104, wherein a E2 late promoter is operable linked to a polynucleotide encoding the second polypeptide.

110. (New). The recombinant adenovirus of claim 104, further comprising a polynucleotide encoding a third polypeptide comprising YB-1 polypeptide that is not E1A.

111. (New). The recombinant adenovirus of claim 104, wherein the first and the second polypeptides are expressed from a polynucleotide comprising an expression cassette.

112. (New). The recombinant adenovirus of claim 111, wherein the second polypeptide is an E1A polypeptide, and a promoter operably linked to a polynucleotide encoding the second polypeptide is not an E1A promoter.

113. (New). The recombinant adenovirus of claim 111, wherein the polynucleotide further encodes a third polypeptide comprising a YB-1 polypeptide.

114. (New). The recombinant adenovirus of claim 113, wherein the polynucleotide encoding the third polypeptide is operably linked to a promoter comprising an E2 late promoter.

115. (New). The recombinant adenovirus of claim 111, wherein the polynucleotide further comprises an IRES sequence, wherein the IRES sequence separates the nucleic acid sequences encoding the first and second polypeptides.

116. (New). The recombinant adenovirus of claim 104, wherein the adenovirus is replication-deficient in non-tumor cells.

117. (New). The recombinant adenovirus of claim 104, wherein the adenovirus is capable of replicating in cells comprising deregulated YB-1 or having YB-1 in the nucleus.